Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088881.D
Acq On : 9 Jul 2016 20:03
Operator : UM/SJ
Sample : H3813-14MS 25X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS004-0006-01MS

Manual Integrations APPROVED
sohil
7/11/2016 8:07:31 PM

Quant Time: Jul 11 15:43:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	71981	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	279595	20.00	ng		-0.02
38) Acenaphthene-d10	9.75	164	130325	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	248743	20.00	ng		-0.01
75) Chrysene-d12	13.85	240	142725	20.00	ng		-0.02
86) Perylene-d12	15.23	264	136768	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	18042	3.76	ng		-0.03
7) Phenol-d6	6.34	99	24894	4.01	ng		-0.03
23) Nitrobenzene-d5	7.28	82	15622	2.93	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	6073	5.02	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	30255	3.67	ng		-0.01
78) Terphenyl-d14	12.81	244	25139	3.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	1999	0.84	ng	#	34
3) Pyridine	2.95	79	2164	0.31	ng	#	85
4) n-Nitrosodimethylamine	2.83	42	947	0.36	ng	#	96
6) Aniline	6.38	93	1609	0.18	ng		95
8) 2-Chlorophenol	6.49	128	3706	0.72	ng		95
9) Benzaldehyde	6.25	77	2321	0.55	ng	#	78
10) Phenol	6.36	94	4678	0.66	ng		87
11) bis(2-Chloroethyl)ether	6.44	93	3476	0.66	ng		94
12) 1,3-Dichlorobenzene	6.65	146	3762	0.66	ng	#	90
13) 1,4-Dichlorobenzene	6.73	146	3940m	0.70	ng		
14) 1,2-Dichlorobenzene	6.89	146	3973m	0.75	ng		
15) Benzyl Alcohol	6.86	79	3311	0.72	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.00	45	4547	0.59	ng		86
17) 2-Methylphenol	6.98	107	2767	0.66	ng		93
18) Hexachloroethane	7.23	117	1281	0.59	ng		89
19) n-Nitroso-di-n-propylamine	7.13	70	2936	0.70	ng	#	85
20) 3+4-Methylphenols	7.13	107	4124	0.82	ng	#	81
22) Acetophenone	7.13	105	5268	0.78	ng	#	89
24) Nitrobenzene	7.29	77	3748	0.70	ng	#	80
25) Isophorone	7.54	82	7395	0.75	ng		95
26) 2-Nitrophenol	7.62	139	1592	0.72	ng	#	89
27) 2,4-Dimethylphenol	7.67	122	2605	0.57	ng		92
28) bis(2-Chloroethoxy)methane	7.76	93	5413	0.84	ng	#	92
29) 2,4-Dichlorophenol	7.86	162	2610	0.70	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	3195	0.78	ng	#	93
31) Naphthalene	8.02	128	12065	0.88	ng		99
32) Benzoic acid	7.72	122	206	0.06	ng		87
33) 4-Chloroaniline	8.08	127	1730	0.28	ng		98
34) Hexachlorobutadiene	8.15	225	1911	0.88	ng		93
35) Caprolactam	8.39	113	790	0.63	ng	#	84
36) 4-Chloro-3-methylphenol	8.56	107	3381	0.77	ng		96
37) 2-Methylnaphthalene	8.72	142	7887	0.89	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	3379	0.78	ng	#	1
40) Hexachlorocyclopentadiene	8.88	237	833	0.39	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	2048	0.72	ng		94
43) 2,4,5-Trichlorophenol	9.03	196	1814	0.74	ng	#	72
45) 1,1'-Biphenyl	9.18	154	9781	0.91	ng		99
46) 2-Chloronaphthalene	9.20	162	7856	0.93	ng		98
47) 2-Nitroaniline	9.29	65	2106	0.70	ng		88
48) Acenaphthylene	9.61	152	12002	0.89	ng		100
49) Dimethylphthalate	9.47	163	11444	1.23	ng		100
50) 2,6-Dinitrotoluene	9.53	165	1384	0.67	ng	#	1
51) Acenaphthene	9.78	154	7798	0.94	ng		97
52) 3-Nitroaniline	9.70	138	1199	0.46	ng	#	95
54) Dibenzofuran	9.95	168	11383	1.05	ng	#	90
55) 4-Nitrophenol	9.87	139	3035	1.53	ng	#	76
56) 2,4-Dinitrotoluene	9.93	165	1935	0.72	ng	#	24
57) Fluorene	10.30	166	8896	1.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	1333	0.70	ng	#	40
59) Diethylphthalate	10.17	149	8555	0.92	ng		95
60) 4-Chlorophenyl-phenylether	10.30	204	3781	0.98	ng		93
61) 4-Nitroaniline	10.30	138	1634	0.65	ng		81
62) Azobenzene	10.44	77	9150	0.86	ng		89
65) n-Nitrosodiphenylamine	10.41	169	7113	0.84	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	2080	0.83	ng	#	66
67) Hexachlorobenzene	10.84	284	2264	0.82	ng	#	85
68) Atrazine	10.94	200	2093	0.80	ng		93
69) Pentachlorophenol	11.04	266	1846	1.12	ng		95
70) Phenanthrene	11.24	178	10971	0.81	ng		97
71) Anthracene	11.30	178	12062	0.89	ng		99
72) Carbazole	11.46	167	10248	0.81	ng		97
73) Di-n-butylphthalate	11.81	149	14903	1.01	ng		98
74) Fluoranthene	12.43	202	10854	0.79	ng		96
77) Pyrene	12.66	202	9761	0.81	ng		95
79) Butylbenzylphthalate	13.29	149	6596	1.22	ng	#	83
80) Benzo(a)anthracene	13.84	228	7497	0.82	ng	#	92
81) 3,3'-Dichlorobenzidine	13.81	252	940	0.27	ng	#	52
82) Chrysene	13.87	228	6783	0.75	ng	#	95
83) Bis(2-ethylhexyl)phthalate	13.85	149	7095	1.15	ng	#	93
84) Di-n-octyl phthalate	14.47	149	8458	0.81	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.53	276	7818	1.12	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	6379m	0.74	ng		
88) Benzo(k)fluoranthene	14.87	252	6084m	0.81	ng		
89) Benzo(a)pyrene	15.18	252	6832	0.94	ng	#	1
90) Dibenzo(a,h)anthracene	16.54	278	7735	1.28	ng	#	1
91) Benzo(g,h,i)perylene	16.91	276	8079	1.29	ng	#	60

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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